DOCUMENT RESUME

ED 191 979 UD 020 959

AUTHOR Goldman, Marshall A.
TITLE A Functional Analysis of the 1979-1980 New York City Board of Education Budget.
INSTITUTION New York City Board of Education, Brooklyn, N.Y.
PUB DATE Jun 80
NOTE 49p.: For related documents see ED 181 158 and UD 020 770.

EDRS PRICE MF01/PC02 Plus Postage.
DESCRIPTORS Boards of Education: *Budgets: *Cost Effectiveness: *Educational Finance: Elementary Secondary Education: *School District Spending: Urban Schools
IDENTIFIERS *New York (New York)

ABSTRACT

This report presents a concise picture of the fiscal year 1979-1980 New York City Board of Education budget. Section I overviews the budget, defines and discusses important terms, and presents a framework for examining the budget. A more detailed analysis of the total expenditures for public school pupils, direct instructional programs, and city and districtwide administration is the focus of attention in Sections II, III, and IV. The composition of the budget, functional areas, and cost components are detailed in Appendices A and B. Appendix C includes cautionary notes and exhibits to facilitate comparison of the functional analyses of the 1979-1980 and the 1978-1979 budgets. (Author/MK)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

BOARD OF EDUCATION
CITY OF NEW YORK

ED191979

AUG 1 9 1980

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY
Ron Edmonds
NYC Bd of Ed
TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

A FUNCTIONAL ANALYSIS OF THE 1979-1980 NEW YORK CITY BOARD OF EDUCATION BUDGET

June 1980

Prepared by
Office of Budget Operations and Review

wa020959

A FUNCTIONAL ANALYSIS OF THE 1979-1980 NEW YORK CITY BOARD OF EDUCATION BUDGET

June 1980

Frank J. Macchiarola, Chancellor

Richard F. Halverson, Deputy Chancellor

OFFICE OF BUDGET OPERATIONS AND REVIEW

Prepared by **Marshall A. Goldman**

Under the direction of

Dall W. Forsythe, Director

NEW YORK CITY BOARD OF EDUCATION
1979-1980 BUDGET HIGHLIGHTS

The Board of Education will spend $ 3,002,321,000 delivering services to 960,327 public school pupils*, plus an additional $ 109,222,000 for non-public and adult education. This totals to a 1979-1980 budget of $ 3,111,543,000**

SELECTED STATISTICAL INFORMATION-PUBLIC SCHOOL PUPILS

FUNCTIONAL AREA	BUDGET (M = 1,000,000)	AVERAGE COST PER PUPIL	PERCENT OF TOTAL BUDGET
Direct Instructional Programs (Classroom Instruction, School and Field Supervision)	$ 1,956 M	$ 2,037	63 %
Indirect Instructional Programs (Counselors, Attendance, Psychologists, etc.)	$ 127 M	$ 133	4 %
Ancillary Pupil Support Programs (Security, Transportation, Lunch, etc.)	$ 321 M	$ 334	10 %
School Buildings (Custodial, Maintenance, Fuel, etc.)	$ 248 M	$ 258	8 %
City and Districtwide Administration (Chancellor, Personnel, Business Administration, District Supperintendents, etc.)	$ 108 M	$ 113	3½ %
Miscellaneous Expenses (Unemployment Insurance, Collective Bargaining Reserve, etc.)	$ 41 M	$ 42	1½ %
Debt Service	$ 201 M	$ 209	6½ %

INSTRUCTIONAL/ ORGANIZATIONAL LEVEL	BUDGET		AVERAGE PER PUPIL COST	PERCENT OF TOTAL REGISTER
	AMOUNT (M = 1,000,000)	PERCENT OF TOTAL		
Elementary	$ 1,181 M	39 %	$ 2,774	44 %
Junior High	$ 622 M	21 %	$ 3,236	20 %
High School	$ 790 M	26 %	$ 2,716	30 %
Special Education	$ 409 M	14 %	$ 7,958	6 %

* AUDITED OCTOBER 31, 1979 REGISTER.

** PENSION AND DEBT SERVICE ARE INCLUDED IN THIS AMOUNT. ALTHOUGH THESE TWO ITEMS ARE DIRECTLY RELATED TO PUBLIC SCHOOL COSTS, THEY ARE LOCATED IN NON-BOARD OF EDUCATION BUDGET CODES.

PREFACE

During the 1979-1980 fiscal year over $ 3 billion will be expended on education and educational related items. Information about what those dollars will be spent on is detailed in the budgets of the Board of Education and the City of New York.

To analyze this budget, however, one must wade through 1,500 pages of computer printout encompassing 50,000 individual budget items. That task is complex and laborious enough to frustrate lay and budget analysts alike.

This report is intended to present a comprehensible yet concise picture of the 1979-1980 Board of Education budget. To attain this goal several terms are introduced and discussed in the first section. How the budget fits into this framework is also shown.

A more detailed analysis of the total expenditures for public school pupils, direct instructional programs, and city and districtwide administration is the focus of attention is Sections II, III and IV respectively.

The composition of the 1979-1980 budget and the functional areas and cost components are detailed in Appendices A and B.

Readers who wish to compare this year's functional analysis with last year's will be able to do so by following the cautionary notes and exhibits of Appendix C.

* * * * * * *

This report was prepared by Marshall Goldman. The charts and exhibits are the product of the adept hand of Jacqueline Wong Posner. Sally Biller typed the text. Special thanks must be given to Inell Armstrong who typed the scores of numbers abounding throughout the exhibits.

DALL W. FORSYTHE, Director

TABLE OF CONTENTS

New York City Board of Education 1979-1980 Budget Highlights . . ii

Preface iii

List of Exhibits v

Section I: An Overview of the 1979-1980 Budget 1
- Functional Areas and Cost Components 2
- Sources of Funding 5
- School Enrollment and Per Pupil Expenditures . . 10
- Comparison between Fiscal Years 1979 and 1980 . 14

Section II: Focus on Total Expenditures for Public School Pupils 15

Section III: Focus on Direct Instructional Programs 19

Section IV: Focus on City and Districtwide Administration 23

Appendix A: Composite of the 1979-1980 Board of Education Budget 25

Appendix B: Explanation of Functional Areas and Cost Components 29

Appendix C: Comparison of Fiscal Years 1979 and 1980 Functional Analysis 38

LIST OF EXHIBITS

Exhibit 1: Board of Education 1979-1980 Budget by Major Functional Area 3

Exhibit 2: Where Each Education Dollar Goes, 1979-1980 4

Exhibit 3: Board of Education Budget, Functional Areas and Cost Components 6

Exhibit 4: Board of Education Budget: 1979-1980, by Funding and Functional Area 8

Exhibit 5: Board of Education Budget: 1979-1980, Percent Distribution by Funding and Functional Area 9

Exhibit 6: Board of Education 1979-1980 Budget, by Organizational Level 12

Exhibit 7: Per Pupil Cost by Organizational Level, 1979-1980 13

Exhibit 8: Composite of the Board of Education 1979-1980 Budget 27

Exhibit 9: Explanation of Functional Areas and Cost Components 30

Exhibit 10: Board of Education Budget: 1979-1980, Functional Area, Funcing Source, and Organizational Level 34

Exhibit 11: Board of Education Tax Levy Budget, Comparison 40

Exhibit 12: Board of Education Tax Levy Per Capitas, Comparison of Fiscal Years 1979 and 1980 41

SECTION I

AN OVERVIEW OF THE 1979-1980 BUDGET

The priorities of an organization, the programs that will be continued or initiated, are established through a blend of managerial objectives, political decisions and existing laws, mandates and contractual obligations. The budget document, delineating where funds are to be spent and how much, becomes a powerful tool for identifying these areas of priority.

The budget of the New York City Board of Education reflects the priorities of its architects - the Board of Education, the Mayor, the City Council, the Board of Estimate; plus federal and state laws, state and court mandates and contractual obligations.

The analysis presented in this report is based on a 1979-1980 budget of over $3 billion* spread across 50,000 individual budget items. To make the analysis concise, understandable and useful, new terminology will be introduced and defined in this section.

Throughout this report the terms "budget," "expenditure" and "cost" are used interchangeably. The total costs or expenditures cannot be known until the completion of the fiscal year. The budget represents the planned or expected expenditures.

*Appendix A, "Composite of the 1979-1980 Board of Education Budget," describes how this amount is derived.

Functional Areas and Cost Components

To present a brief, understandable overview of the Board of Education's budget for 1979-1980, the expense budget has been organized into eight major functional areas:

- Direct Instructional Programs
- Indirect Instructional Programs
- Ancillary Pupil Support Programs
- School Buildings
- City and Districtwide Administration
- Miscellaneous Expenses
- Debt Service
- Non-Public and Adult Education

In its simplest form, the budget for 1979-1980 is reproduced in Exhibit 1, "Board of Education 1979-1980 Budget by Major Functional Area." How much of each dollar for education goes into the functional areas is displayed in Exhibit 2, "Where Each Education Dollar Goes."

Each of the areas listed in the budget is associated with a major educational, administrative, operational, or financial function. And, within each of these areas, there are a number of discrete, though interrelated, cost components that describe in more detail what is included in the particular function. For example, the functional area "direct instructional programs" can be broken down into the following components:

- Classroom Instruction
  - . Elementary
  - . Junior High
  - . High School
  - . Special Education

EXHIBIT 1

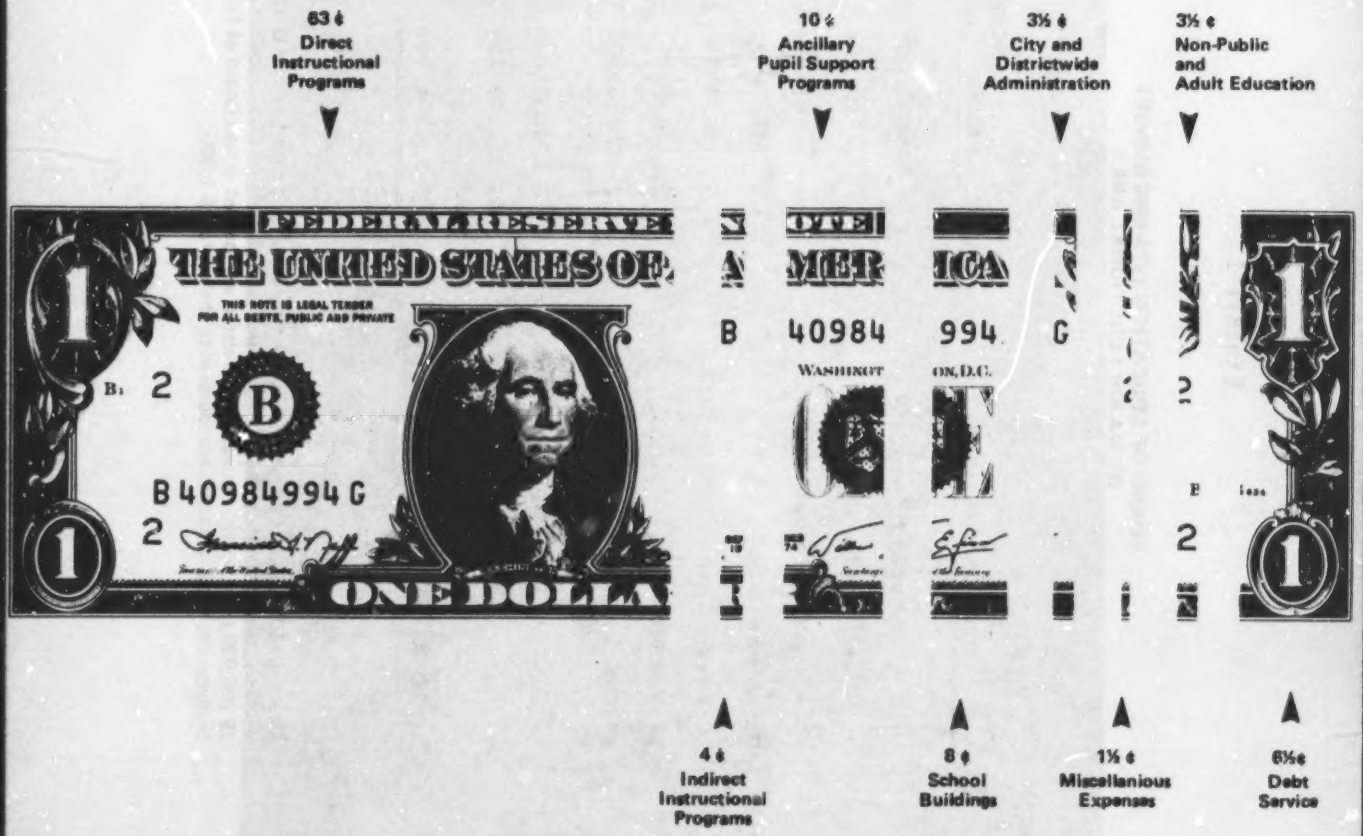
BOARD OF EDUCATION 1979-1980 BUDGET BY MAJOR FUNCTIONAL AREA

FUNCTIONAL AREA	1979-1980 BUDGET * AMOUNT	PERCENT
I. Direct Instructional Programs	$ 1,956,208,000	62.9 %
II. Indirect Instructional Programs	$ 127,491,000	4.1 %
III. Ancillary Pupil Support Programs	$ 320,682,000	10.3 %
IV. School Buildings	$ 247,833,000	7.9 %
V. City and Districtwide Administration	$ 108,333,000	3.5 %
VI. Miscellaneous Expenses	$ 40,835,000	1.3 %
VII. Debt Service	$ 200,939,000	6.5 %
Sub-Total: Budget for Public School Pupils	$ 3,002,321,000	96.5 %
VIII. Non-Public and Adult Education	$ 109,222,000	3.5 %
TOTAL	$ 3,111,543,000	100.0 %

* The 1979-1980 budget includes all approved and pending modifications through May 19, 1980 close of business, also included are pensions ($ 424,805,000) and debt service ($ 200,939,000) which, though Board related are located in non-Board of Education budgets. All dollar amounts are rounded to the nearest $ 1,000

EXHIBIT 2

WHERE EACH EDUCATION DOLLAR GOES
1979-1980



- School Supervision
    - Elementary
    - Junior High
    - High School
    - Special Education

- Field Supervision
    - Elementary
    - Junior High
    - High School
    - Special Education

In other words, the functional area "direct instructional programs" is made up of three main cost components: "classroom instruction" (services provided by teachers, paraprofessionals and aides), "school supervision" (services provided by principals and assistant principals), and field support (field services provided by grade or subject area supervisors). Further, each of the cost components can be subdivided according to the four instructional/organizational levels within the school system: "elementary," "junior high," "high school" and "special education." For a complete listing of the various cost components contained within each of the eight functional areas, see Exhibit 3, "Board of Education Budget, Functional Areas and Cost Components." Definitions of the functional areas and their cost components are given in Appendix B, "Explanation of Functional Areas and Cost Components."

Sources of Funding

In addition to functional areas and cost components, the budget has also been organized according to where the funds originate. The school system has two basic sources of revenue, "tax levy funds" and "reimbursable funds."

EXHIBIT 3

BOARD OF EDUCATION BUDGET
FUNCTIONAL AREAS AND COST COMPONENTS

I. DIRECT INSTRUCTIONAL PROGRAMS

A. Classroom Instruction
- Elementary
- Junior High
- High Schools
- Special Education

B. School Supervision
- Elementary
- Junior High
- High Schools
- Special Education

C. Field Supervision
- Elementary
- Junior High
- High Schools
- Special Education

II. INDIRECT INSTRUCTIONAL PROGRAMS

A. Pupil Personnel Services
- Attendance
  - . Field Service
  - . Administration/Supervision
- Guidance and Counseling
  - . Elementary
  - . Junior High
  - . High Schools
  - . Special Education
- Social and Psychological
- Drug Abuse Program
- Administration

B. Planning Testing, Research and Development Services
- Educational Performance and Accountability
- Educational Evaluation
- Education Planning and Support
- Guidance Planning

III. ANCILLARY PUPIL SUPPORT PROGRAMS

A. School Safety and Security
- Elementary
- Junior High
- High Schools
- Special Education
- Administration/Supervision

B. Pupil Transportation
- Elementary
- Junior High
- High Schools
- Special Education
- Administration/Supervision

C. School Lunch
- Field Service
- Administration/Supervision
- Summer Feed and Nutrition Program

D. Breakfast Program
- Elementary
- Junior High
- High Schools
- Special Education

IV. SCHOOL BUILDINGS

A. Central and Field Administration and Supervision

B. Planning, Design, Renovation and Construction
- Field Supervision
- Administration/Supervision

C. Operation and Maintenance
- Custodial Service
  - . Field Service
  - . Field Supervision
- Maintenance and Repair
  - . Field Service
  - . Field Supervision
  - . Administration/Supervision
- Leasing and Rentals
  - . Elementary
  - . Junior High
  - . High Schools
  - . Special Education
  - . Other
- Heat, Light, and Power
  - . Coal and Oil
  - . Electricity and Steam Heat

V. CITY AND DISTRICTWIDE ADMINISTRATION

A. Overall Administration
- Board of Education
- General Administration
- Personnel
- Board of Examiners
- Community School District Affairs
- Business Administration
- Reimbursable Offices

B. Instructional Administration/Supervision
- District Office
- High School Office
- Special Education Office

VI. MISCELLANEOUS EXPENSES

A. Sabbaticals, Terminal Leave and Other Paid Leaves

B. Unemployment and Compensation

C. Collective Bargaining Reserves

D. Back Pay for Prior Years

E. Miscellaneous Costs

VII. DEBT SERVICE

VIII. NON-PUBLIC AND ADULT EDUCATION

A. Non-Public Instructional Services

B. Non-Public Non-Instructional Services

C. Fashion Institute of Technology

D. Payments to Other School Districts

E. Adult Education

- Tax levy funds refer to revenue from city taxes (real estate, income, sales, etc.), a small portion of city capital funds transferred to the Board's expense budget, state formula aid, funds from general state revenue sharing, and a few types of federal aid (e.g. impact aid and school lunch subsidies).

- Reimbursable funds refer primarily to revenue received from the federal government under programs such as ESEA Title I, Emergency School Assistance Act (ESAA), and the Comprehensive Employment Training Act (CETA), etc. Also included but in small amounts, are certain types of grants and fees from other institutions and special purpose aid from the state.

Though there are some minor exceptions, tax levy funds are used to meet the school system's basic operating expenses while reimbursable funds must be applied to support specific categorical programs.

Tax levy funds account for such a major portion (nearly 90% in 1979-1980) of the school system's total budget that it is useful to subdivide this revenue source into two major expenditure categories:

1. - Personal Services and Other Than Personal Services (PS/OTPS) refer to direct salaries for personnel and expenditures for equipment, supplies, books, rentals, contractual services, etc.

2. - Pensions and fringe benefits refer to the contributions that the Board makes to pensions, social security, health and welfare insurance.

Of all the funds at the school system's disposal in 1979-1980, 69% is tax levy personal and other than personal service, 20% is tax levy pensions and fringes and the remaining 11% is reimbursable funds. Exhibits 4 and 5 show the dollar and percent figures of the Board of Education's budget by funding source and expenditure categories.

EXHIBIT 4

BOARD OF EDUCATION BUDGET: 1979-1980*
BY FUNDING AND FUNCTIONAL AREA

FUNCTIONAL AREA	TAX LEVY FUNDS			REIMBURSABLE FUNDS	TOTAL BUDGET	
	NET PS AND OTPS	PENSION & FRINGES	SUB-TOTAL		AMOUNT	PERCENT
I. DIRECT INSTRUCTIONAL PROGRAMS	$1,227,081,000	$529,805,000	$1,756,886,000	$199,322,000	$1,956,208,000	62.9%
Classroom Instruction	1,078,466,000	464,290,000	1,542,756,000	197,141,000	1,739,897,000	55.9
School Supervision and Support	143,375,000	63,179,000	206,554,000	1,522,000	208,076,000	6.7
Field Supervision	5,240,000	2,336,000	7,576,000	659,000	8,235,000	0.3
II. INDIRECT INSTRUCTIONAL PROGRAMS	$ 66,797,000	$ 26,569,000	$ 93,366,000	$ 34,125,000	$ 127,491,000	4.1%
Pupil Personnel Services	59,974,000	24,987,000	84,961,000	21,118,000	106,079,000	3.4
Planning, Testing, Research and Development Services	6,823,000	1,582,000	8,405,000	13,007,000	21,412,000	0.7
III. ANCILLARY PUPIL SUPPORT PROGRAMS	$ 280,473,000	$ 14,463,000	$ 294,936,000	$ 25,746,000	$ 320,682,000	10.3%
School Safety and Security	9,175,000	1,924,000	11,099,000	7,644,000	18,743,000	0.6
Pupil Transportation	160,398,000	294,000	160,692,000	2,078,000	162,770,000	5.2
School Lunch	110,900,000	12,245,000	123,145,000	9,428,000	132,573,000	4.3
Breakfast Program	0	0	0	6,596,000	6,596,000	0.2
IV. SCHOOL BUILDINGS	$ 218,738,000	$ 26,223,000	$ 244,961,000	$ 2,872,000	$ 247,833,000	7.9%
Central and Field Administration and Supervision	6,207,000	871,000	7,078,000	0	7,078,000	0.2
Planning, Design, Renovation and Construction	5,804,000	1,670,000	7,474,000	130,000	7,604,000	0.2
Operation and Maintenance	206,727,000	23,682,000	230,409,000	2,742,000	233,151,000	7.5
* Custodial Service	103,828,000	19,059,000	122,887,000	2,517,000	125,404,000	4.0
* Maintenance and Repair	31,679,000	4,623,000	36,302,000	208,000	36,510,000	1.2
* Leasing and Rentals	12,677,000	0	12,677,000	12,000	12,689,000	0.4
* Heat, Light and Power	58,543,000	0	58,543,000	5,000	58,548,000	1.9
V. CITY AND DISTRICTWIDE ADMINISTRATION	$ 56,763,000	$ 16,418,000	$ 73,181,000	$ 35,152,000	$ 108,333,000	3.5%
Overall Administration	30,101,000	8,018,000	38,119,000	27,135,000	65,254,000	2.1
Instructional Admin/Supervision	26,662,000	8,400,000	35,062,000	8,017,000	43,079,000	1.4
VI. MISCELLANEOUS EXPENSES	$ 32,901,000	$ 7,934,000	$ 40,835,000	$ 0	$ 40,835,000	1.3%
VII. DEBT SERVICE	$ 200,939,000	$ 0	$ 200,939,000	$ 0	$ 200,939,000	6.5%
SUB-TOTAL: BUDGET FOR PUBLIC SCHOOL PUPILS	$2,083,692,000	$621,412,000	$2,705,104,000	$297,217,000	$3,002,321,000	96.5%
VIII. NON-PUBLIC AND ADULT EDUCATION	$ 62,842,000	$ 250,000	$ 63,092,000	$ 46,130,000	$ 109,222,000	3.5%
TOTAL BUDGET	$2,146,534,000	$621,662,000	$2,768,196,000	$343,347,000	$3,111,543,000	100.0%

*The 1979-1980 Budget - Includes all approved and pending modifications as of May 19, 1980 close of business.
- Includes pensions ($424,805,000) and debt service ($200,939,000) which are appropriated in other City agencies.
- Dollar figures rounded to nearest $1,000.

EXHIBIT 5

BOARD OF EDUCATION BUDGET: 1979-1980*
PER CENT DISTRIBUTION OF FUNDING BY FUNCTIONAL AREA

FUNCTIONAL AREA	TAX LEVY FUNDS: NET PS AND OTPS	TAX LEVY FUNDS: PENSION AND FRINGES	TAX LEVY FUNDS: SUB-TOTAL	REIMBURSABLE FUNDS	TOTAL ALL FUNDS
I. DIRECT INSTRUCTIONAL PROGRAMS	62.7%	27.1%	89.8%	10.2%	100.0%
Classroom Instruction	62.0	26.7	88.7	11.3	100.0
School Supervision and Support	68.9	30.4	99.3	0.7	100.0
Field Supervision	63.6	28.4	92.0	8.0	100.0
II. INDIRECT INSTRUCTIONAL PROGRAMS	52.4%	20.8%	73.2%	26.8%	100.0%
Pupil Personnel Services	56.5	23.6	80.1	19.9	100.0
Planning, Testing, Research and Development Services	31.9	7.4	39.3	60.7	100.0
III. ANCILLARY PUPIL SUPPORT PROGRAMS	87.5%	4.5%	92.0%	8.0%	100.0%
School Safety and Security	49.0	10.2	59.2	40.8	100.0
Pupil Transportation	98.5	0.2	98.7	1.3	100.0
School Lunch	83.7	9.2	92.9	7.1	100.0
Breakfast Program	0.0	0.0	0.0	100.0	100.0
IV. SCHOOL BUILDINGS	38.3%	10.5%	98.8%	1.2%	100.0%
Central and Field Administration and Supervision	87.7	12.3	100.0	0.0	100.0
Planning, Design, Renovation and Construction	76.3	22.0	98.3	1.7	100.0
Operation and Maintenance	88.7	10.1	98.8	1.2	100.0
* Custodial Service	82.8	15.2	98.0	2.0	100.0
* Maintenance and Repair	86.8	12.6	99.4	0.6	100.0
* Leasing and Rentals	99.9	0.0	99.9	0.1	100.0
* Heat, Light and Power	100.0	0.0	100.0	0.0	100.0
V. CITY AND DISTRICTWIDE ADMINISTRATION	52.4%	15.2%	67.6%	32.4%	100.0%
Overall Administration	46.1	12.3	58.4	41.6	100.0
Instructional Admin/Supervision	61.9	19.5	81.4	18.6	100.0
VI. MISCELLANEOUS EXPENSES	80.6%	19.4%	100.0%	0.0%	100.0%
VII. DEBT SERVICE	100.0%	0.0%	100.0%	0.0%	100.0%
SUB-TOTAL: BUDGET FOR PUBLIC SCHOOL PUPILS	68.8%	21.1%	89.9%	10.1%	100.0%
VIII. NON-PUBLIC AND ADULT EDUCATION	57.5%	0.3%	57.8%	42.2%	100.0%
TOTAL BUDGET	68.5%	20.3%	88.8%	11.2%	100.0%

*The 1979-1980 Budget - includes all approved and pending modifications through May 19, 1980 close of business.
- includes pensions ($424,805,000) and debt service ($200,939,000) appropriated in other City agencies.

* * *

A detailed listing of the Board of Education's 1979-1980 budget by functional area, cost component and funding source is located in Appendix B, Exhibit 10.

School Enrollment and Per Pupil Expenditures

One important way of making sense out of a $3,112 million school budget is to convert this total and its constituent parts into per pupil costs. The basic piece of information needed for this purpose is the number of pupils enrolled in the school system.

Based on the actual October 1979 register, the New York City public school enrollment is 960,327. Since services (and therefore the dollars that pay for the services) are sometimes distributed by instructional/ organizational level, it is also important to know how the enrollment figure is composed. Of the 960,327 students enrolled in the school system

- 425,703 (44%) are elementary pupils;
- 192,097 (20%) are junior high pupils;
- 291,132 (30%) are high school students;
- 51,395 (6%) are handicapped children enrolled in special education programs.

Pupils enrolled in elementary, junior high and high school special education classes are included in the special education register. The high school register includes post-graduate pupils. Excluded from the register figures are pre-kindergarten children, public school students attending private "contract" schools and non-public school pupils.

Per pupil costs have been calculated in two different ways. For certain functional areas (e.g. "direct instructional programs") it is possible to trace dollar allocations to each of the four instructional/organizational levels within the school system. In such cases, the per pupil cost is calculated by dividing the enrollment at each level into the actual dollar allocation for the functional area at that level:

CALCULATING PER PUPIL DIRECT INSTRUCTIONAL COSTS BY LEVEL

Level	Instructional Expenditure	Enrollment	Per Pupil Cost
Elementary	$772,426,000	425,703	$1,815
Junior High	$433,655,000	192,097	$2,258
High School	$496,794,000	291,132	$1,707
Special Education	$253,333,000	51,395	$4,929

The other way of calculating per pupil cost is by dividing the total school system enrollment into the total expenditure for the functional area:

CALCULATING AVERAGE PER PUPIL DIRECT INSTRUCTIONAL COST

Total Instructional Expenditure		Total Enrollment		Average Per Pupil Cost
$1,956,208,000	÷	960,327	=	$2,037

The distribution of the total budget by instructional/organizational level is shown in Exhibit 6, "Board of Education 1979-1980 Budget, by Organizational Level." The per pupil costs are displayed in Exhibit 7, "Per Pupil Cost by Organizational Level, 1979-1980."

EXHIBIT 6

BOARD OF EDUCATION 1979-1980 BUDGET* BY ORGANIZATIONAL LEVEL

FUNCTIONAL AREA	ELEMENTARY	JUNIOR HIGH	HIGH SCHOOL	SPECIAL EDUCATION	TOTAL
I. DIRECT INSTRUCTIONAL PROGRAMS	$ 772,426,000	$433,655,000	$496,794,000	$253,333,000	$1,956,208,000
Classroom Instruction	687,184,000	385,266,000	424,378,000	243,069,000	1,739,897,000
School Supervision and Support	83,330,000	47,576,000	72,416,000	4,754,000	208,076,000
Field Supervision	1,912,000	813,000	0	5,510,000	8,235,000
II. INDIRECT INSTRUCTIONAL PROGRAMS	$ 49,460,000	$ 26,017,000	$ 43,573,000	$ 8,441,000	$ 127,491,000
Pupil Personnel Services	40,786,000	22,101,000	35,808,000	7,384,000	106,079,000
Planning, Testing, Research and Development Services	8,674,000	3,916,000	7,765,000	1,057,000	21,412,000
III. ANCILLARY PUPIL SUPPORT PROGRAMS	$ 93,337,000	$ 42,255,000	$ 78,261,000	$106,829,000	$ 320,682,000
School Safety and Security	6,661,000	3,114,000	8,230,000	738,000	18,743,000
Pupil Transportation	23,804,000	10,744,000	29,549,000	98,673,000	162,770,000
School Lunch	58,730,000	26,514,000	40,170,000	7,159,000	132,573,000
Breakfast Program	4,142,000	1,883,000	312,000	259,000	6,596,000
IV. SCHOOL BUILDINGS	$ 111,220,000	$ 50,213,000	$ 72,897,000	$ 13,503,000	$ 247,833,000
Central and Field Administration and Supervision	3,135,000	1,416,000	2,145,000	382,000	7,078,000
Planning, Design, Renovation and Construction	3,369,000	1,521,000	2,304,000	410,000	7,604,000
Operation and Maintenance	104,716,000	47,276,000	68,448,000	12,711,000	233,151,000
* Custodial Service	55,554,000	25,081,000	37,997,000	6,772,000	125,404,000
* Maintenance and Repair	16,173,000	7,302,000	11,063,000	1,972,000	36,510,000
* Leasing and Rentals	7,053,000	3,183,000	1,648,000	805,000	12,689,000
* Heat, Light and Power	25,936,000	11,710,000	17,740,000	3,162,000	58,548,000
V. CITY AND DISTRICTWIDE ADMINISTRATION	$ 47,122,000	$ 21,273,000	$ 25,883,000	$ 14,055,000	$ 108,333,000
Overall Administration	28,907,000	13,051,000	19,772,000	3,524,000	65,254,000
Instructional Admin/Supervision	18,215,000	8,222,000	6,111,000	10,531,000	43,079,000
VI. MISCELLANEOUS EXPENSES	$ 18,090,000	$ 8,167,000	$ 12,373,000	$ 2,205,000	$ 40,835,000
VII. DEBT SERVICE	$ 89,016,000	$ 40,188,000	$ 60,884,000	$ 10,851,000	$ 200,939,000
SUB-TOTAL: BUDGET FOR PUBLIC SCHOOL PUPILS	$1,180,671,000	$621,768,000	$790,665,000	$409,217,000	$3,002,321,000
VIII. NON-PUBLIC AND ADULT EDUCATION	$ 48,385,000	$ 21,845,000	$ 33,094,000	$ 5,898,000	$ 109,222,000
TOTAL BUDGET	$1,229,056,000	$643,613,000	$823,759,000	$415,115,000	$3,111,543,000
PERCENT OF TOTAL	39.5%	20.7%	26.5%	13.3%	100.0%

*The 1979-1980 Budget - includes all approved and pending modifications as of May 19, 1980 close of business.
- includes pensions ($424,805,000) and debt service ($200,939,000) which are appropriated in other City agencies.
- Dollar figures are rounded to the nearest $1,000.
- Instances where funds are not budgeted by specific level, dollars are prorated by level.

EXHIBIT 7

PER PUPIL COST BY ORGANIZATIONAL LEVEL
1979-1980

FUNCTIONAL AREA	ELEMENTARY	JUNIOR HIGH	HIGH SCHOOL	SPECIAL EDUCATION	TOTAL
I. DIRECT INSTRUCTIONAL PROGRAMS	$ 1,815	$ 2,258	$ 1,707	$ 4,929	$ 2,037
Classroom Instruction	1,614	2,006	1,458	4,729	1,812
School Supervision and Support	196	248	249	93	216
Field Supervision	5	4	0	107	9
II. INDIRECT INSTRUCTIONAL PROGRAMS	$ 116	$ 135	$ 150	$ 165	$ 133
Pupil Personnel Services	96	115	123	144	111
Planning, Testing, Research and Development Services	20	20	27	21	22
III. ANCILLARY PUPIL SUPPORT PROGRAMS	$ 220	$ 220	$ 269	$ 2,078	$ 334
School Safety and Security	16	16	28	14	20
Pupil Transportation	56	56	102	1,921	169
School Lunch	138	138	138	138	138
Breakfast Program	10	10	1	5	7
IV. SCHOOL BUILDINGS	$ 261	$ 261	$ 250	$ 261	$ 258
Central and Field Administration and Supervision	7	7	7	7	7
Planning, Design, Renovation and Construction	8	8	8	8	8
Operation and Maintenance	246	246	235	246	243
* Custodial Service	131	131	131	131	131
* Maintenance and Repair	38	38	38	38	38
* Leasing and Rentals	16	16	5	16	13
* Heat, Light and Power	61	61	61	61	61
V. CITY AND DISTRICTWIDE ADMINISTRATION	$ 111	$ 111	$ 89	$ 274	$ 113
Overall Administration	68	68	68	68	68
Instructional Admin/Supervision	43	43	21	206	45
VI. MISCELLANEOUS EXPENSES	$ 42	$ 42	$ 42	$ 42	$ 42
VII. DEBT SERVICE	$ 209	$ 209	$ 209	$ 209	$ 209
SUB-TOTAL: BUDGET FOR PUBLIC SCHOOL PUPILS	$ 2,774	$ 3,236	$ 2,716	$ 7,958	$ 3,126
VIII. NON-PUBLIC AND ADULT EDUCATION	$ 114	$ 114	$ 114	$ 114	$ 114
TOTAL BUDGET	$ 2,888	$ 3,350	$ 2,830	$ 8,072	$ 3,240
OCTOBER 1979 REGISTER	425,703	192,097	291,132	51,395	960,327

*The 1979-1980 Budget - includes all approved and pending modifications through May 19, 1980 close of business.
- includes pensions ($424,805,000) and debt service ($200,939,000) which are appropriated in other City agencies.
- Instances where funds are not budgeted by specific level, dollars were prorated by register.

* * *

Though both expenditure per pupil calculations discussed above are useful ways of understanding the budget, if taken too literally they yield information that is somewhat misleading. Within each of the functional areas the school system offers a variety of different programs. Depending on the particular program (e.g. Title I, school lunch, pupil transportation), some students are served but others are not. This means that there are, in fact, significant cost differentials among students within a given instructional/organizational level.

This can be gleaned by comparing the cost of providing basic (teacher classroom coverage) junior high school instructional coverage. The cost of a Title I pupil is 19% higher than the cost of a Non-Title I pupil.*

Comparison Between Fiscal Years 1979 and 1980

Many readers will wish to compare the analysis in this report with last year's, "A Functional Analysis of the 1978-1979 New York City Board of Education Budget," May 1979. Cautionary notes along with comparisons are described in Appendix C, "Comparison of Fiscal Years 1979 and 1980 Functional Analyses."

---

*The cost of providing basic junior high school instructional coverage equals the number of teachers required per class times the teacher salary divided by the number of pupils per class (class size). Using a teacher salary of $20,000:

Title I JHS cost = 1.52 x $20,000 ÷ 30 = $1,013 per pupil
Non-Title I JHS cost = 1.40 x $20,000 ÷ 33 = $ 848 per pupil
(1,013 - 848) ÷ 848 = 0.19

SECTION II

FOCUS ON TOTAL EXPENDITURES FOR PUBLIC SCHOOL PUPILS

The Board of Education for the present 1979-1980 fiscal year will expend over $3 billion for public school students. This represents an average pupil expenditure of $3,126. These funds provide for cost items in the following functional areas:

- Direct Instructional Programs
- Indirect Instructional Programs
- Ancillary Pupil Support Programs
- School Buildings
- City and Districtwide Administration
- Miscellaneous Expenses
- Debt Service

(Excluded is the functional area for non-public and adult education. This area, with a budget of $109 million, combined with the above functional areas, yields the total Board of Education budget of $3,112 million.)

The figures and definitions appearing in this section are extracted from Appendix B, "Explanation of Functional Areas and Cost Components."

Sources of Funding

Tax levy funds for personal and other than personal service expenditures (used for direct salary payments, supplies, equipment, books, fuel and debt service) account for 69% of the budget for public school pupils.

BUDGET FOR PUBLIC SCHOOL PUPILS: 1979-1980

	AMOUNT ($ 1,000,000)	PERCENT	AVERAGE COST*
TAX LEVY FUND: PS AND OTPS	$ 2,084	69 %	$ 2,170 Per Pupil
TAX LEVY FUND: PENSION AND FRINGES	621	21	647
TAX LEVY FUND: SUB-TOTAL	$ 2,705	90 %	$ 2,817 Per Pupil
REIMBURSABLE FUNDS	297	10	309
TOTAL BUDGET	$ 3,002	100 %	$ 3,126 Per Pupil

*BASED ON THE OCTOBER 1979 REGISTER OF 960,327 PUPILS.

The tax levy cost of providing pensions, social security, health and welfare benefits is, on the average, over $647 per pupil.

Reimbursable funds account for 10% or $297 million of the budget for public school pupils. This equates to an average per pupil cost of $309.

Instructional/Organizational Level Costs

The budget for public school pupils can also be divided into instructional/organizational level costs (i.e. costs for elementary, junior high, high school and special education). Among the regular grade pupils, the junior high students have the greatest per pupil

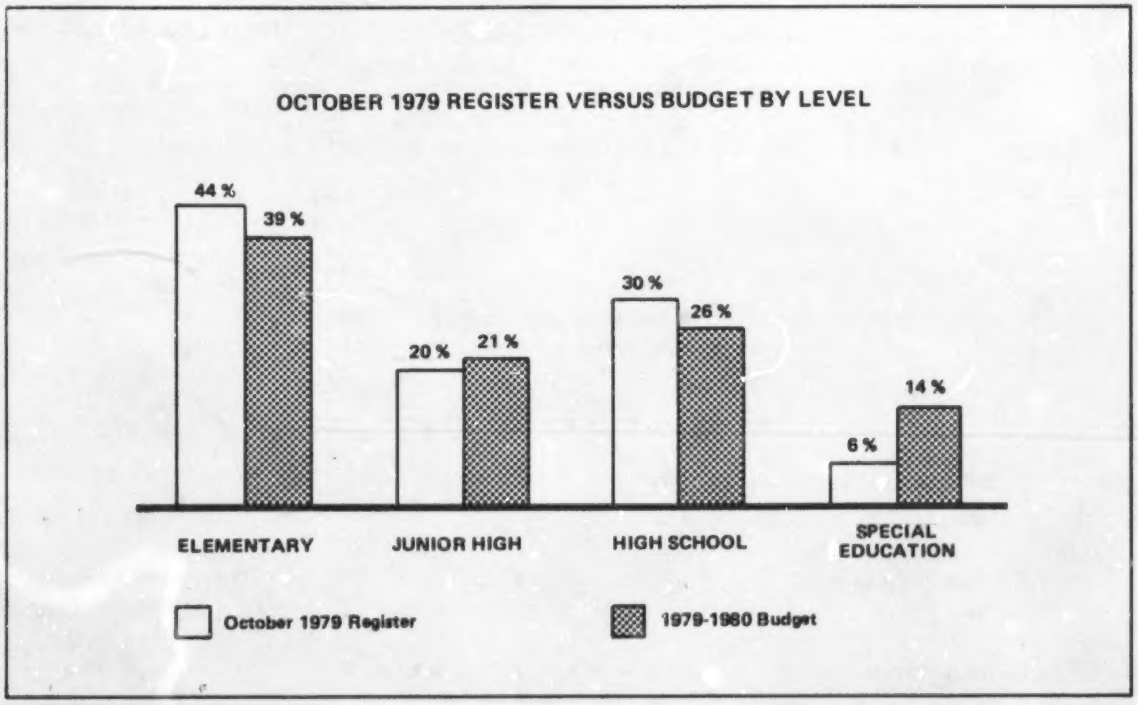
INSTRUCTIONAL/ORGANIZATIONAL BUDGET
FOR PUBLIC SCHOOL PUPILS: 1979-1980

	Elementary	Junior High	High School	Special Education	All Levels
BUDGET (in $ 1,000,000)	$ 1,181	$ 622	$ 790	$ 409	$ 3,002
PERCENT	39 %	21 %	26 %	14 %	100 %
OCTOBER 1979 REGISTER	425,703	192,097	291,132	51,395	960,327
PERCENT	44 %	20 %	30 %	6 %	100 %
AVERAGE PER PUPIL COST	$ 2,774	$ 3,236	$ 2,716	$ 7,958	$ 3,126

cost -- $3,236. The high school per capita at $2,716 per pupil is $520 below the junior high amount and nearly $60 lower than the elementary school per pupil cost of $2,774.

The elementary level has the largest percent of pupils -- 44%, and as a result the greatest share of the budget -- $1,181 million or 39%.

The uniqueness of special education programs with its small class size and high transportation expenses yields a $7,958 per pupil cost,



more than twice the amount for any of the other levels. This contrast can be gleaned by comparison of the percent of register with the percent of budget. Special education receives twice the percent of budget, 14%, as its proportion of pupils, 6%.

SECTION III

FOCUS ON DIRECT INSTRUCTIONAL PROGRAMS

By far, the largest functional area in the Board of Education is direct instructional programs. Sixty-three percent of the total budget is devoted to this area.

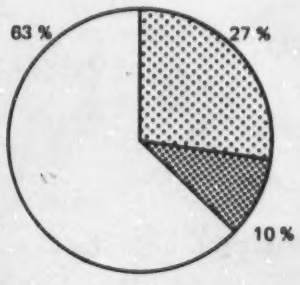
This functional area, the nucleus of all pupil instruction, includes the cost of personnel, such as: teacher, paraprofessional, assistant principal and principal. It also includes cost for textbooks, supplies, equipment and other instructional OTPS items.

The figures and definitions appearing in this section are extracted from Appendix B, "Explanation of Functional Areas and Cost Components."

Source of Funding

Sixty-three percent or $1,227 million of the direct instructional

DIRECT INSTRUCTIONAL PROGRAMS
FUNDING SOURCE AND EXPENDITURE CATEGORIES
1979-1980



	Amount ($ 1,000,000)	Percent	Average Cost *
TAX LEVY FUND: PS AND OTPS	$ 1,227	63 %	$ 1,278 per pupil
TAX LEVY FUND: PENSION AND FRINGES	530	27	551
REIMBURSABLE FUNDS	199	10	208
TOTAL	$ 1,956	100 %	$ 2,037 per pupil

* BASED ON THE OCTOBER 1979 REGISTER OF 960,327 PUPILS.

budget is tax levy fund personal and other than personal services. This covers the cost of direct salaries and of textbooks, supplies and equipment. The cost component averages to $1,278 per pupil.

The balance of tax levy funds -- $530 million -- pays for pension, social security, health and welfare benefits. These benefits cost an average of $551 per pupil.

The reimbursable portion is 10% of direct instructional programs. This funding source averages to $208 per pupil.

Cost Components

Direct instructional programs are divided into three cost components:

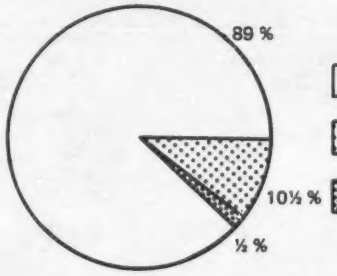
- Classroom instruction: direct instructional services provided primarily by classroom teachers, paraprofessionals and aides.
- School supervision and support: school principals, assistant principals* and school secretaries.
- Field supervision: pedagogical personnel who provide grade level and subject area supervisory services primarily to classroom teachers.

Included in these cost components are other than personal service instructional items, such as supplies, equipment and textbooks. Also in school supervision and support are postage and telephone costs.

*In addition to their supervisory duties, most assistant principals provide classroom instruction.

Spreading the budget for direct instructional programs among these cost components shows that the bulk of the funds, 89%, goes to classroom instruction.

DIRECT INSTRUCTIONAL PROGRAMS BY COST COMPONENTS
1979-1980



	Amount ($ 1,000,000)	Percent	Average Cost *
CLASSROOM INSTRUCTION	$ 1,740	89 %	$ 1,812 per pupil
SCHOOL SUPERVISION	208	10½	216
FIELD SUPERVISION	8	½	9
TOTAL	$ 1,956	100 %	$ 2,037 per pupil

* BASED ON THE OCTOBER 1979 REGISTER OF 960,327 PUPILS.

This generates an average cost of $1,812 per pupil. School supervision and field supervision are 10½% ($216 per pupil) and ½% ($9 per pupil) respectively.

Instructional/Organizational Level

The direct instructional program costs are defined between the instructional/organizational levels by elementary, junior high, high school and special education.

The average per pupil cost produces an interesting result: high schools have the lowest per pupil cost, lower than the other three organizational levels.

INSTRUCTIONAL/ORGANIZATIONAL BUDGET FOR DIRECT INSTRUCTIONAL PROGRAMS: 1979-1980

	Elementary	Junior High	High School	Special Education	All Levels
BUDGET (in $ 1,000,000)	$ 772	$ 434	$ 497	$ 253	$ 1,956
REGISTER	425,703	192,097	291,132	51,395	960,327
AVERAGE COST PER PUPIL	$ 1,815	$ 2,258	$ 1,707	$ 4,929	$ 2,037

The high school cost is $1,707 per pupil, while the elmentary cost per pupil is $1,815, junior high, $2,258 and special education, $4,929.

The high cost of educating special education pupils is exemplified by their $4,929 per pupil cost, a figure more than twice the amount of any other organizational level. Special education classes receive some additional supervision and support from elementary, junior high and high school principals, assistant principals and school secretaries. These services, however, could not be segregated and therefore are not included under the special education organizational level.

SECTION IV

FOCUS ON CITY AND DISTRICTWIDE ADMINISTRATION

About three and one half cents out of every dollar is expended for city and districtwide administration. This functional area has two major cost components and several sub-cost components:

- Overall Administration
  - . Board of Education
  - . General Administration
  - . Personnel
  - . Board of Examiners
  - . Community School District Affairs
  - . Business and Administration
  - . Reimbursable Offices
- Instructional Administration/Supervision
  - . District Office
  - . High School Office
  - . Special Education Office

The definitions of these cost components and their dollar amounts are extracted from Appendix B, "Explanation of Functional Areas and Cost Components."

Overall administration has been allocated equally to all instructional/ organizational levels. Consequently, the cost per pupil for all levels is identical.

CITY AND DISTRICTWIDE ADMINISTRATION: 1979-1980

	Budget ($ 1,000,000)	Register	Average Cost Per Pupil		
			Total	Overall Administration	Instructional Administration
ELEMENTARY	$ 47	425,703	$ 111	$ 68	$ 43
JUNIOR HIGH	21	192,097	111	68	43
HIGH SCHOOL	26	291,132	89	68	21
SPECIAL EDUCATION	14	51,395	274	68	206
ALL LEVELS	$ 108	960,327	$ 113	$ 68	$ 45

This averages to $68 per pupil. Instructional administration/supervision is more clearly defined. This cost component yields per pupil costs of $43 for elementary and junior high (district office), $21 for high school and $206 for special education.

APPENDIX A

COMPOSITE OF THE 1979-1980 BOARD OF EDUCATION BUDGET

The total budget for the Board of Education presented in this 1979-1980 analysis is $3,111,543,000. To arrive at this amount the budget underwent many modifications. In addition, some funds appropriated in other City agencies have been included. This appendix explains the modifications and inclusions which produced the $3 billion budget.

Budget Modification and Budget Condition

The budget is not a static document, rather it is in a constant state of flux, undergoing "modification" on a daily basis. This modification process adjusts the budget to mirror reality. The modified budget will therefore reflect where expenditures are being charged and where future costs are expected to occur.

A budget modification may eliminate positions to comply with budget cuts. It might schedule additional revenues or existing lump sums, or it may transfer funds from surplus budget lines to potentially deficit lines. Also positions might be dropped or added, and dollar amounts reduced or increased due to promotions, hires, terminations, change in salary rate, etc.

Certain modifications are subject to approval* of the Office of Management and Budget, the City Council and the Board of Estimate. The modification is considered "pending" until approval is secured, it then becomes "approved."

The budget condition will include all modifications as of a certain date. The condition used in this report includes all modifications approved and pending through May 19, 1980 close of business. The configuration of the Board of Education's budget as of this date by unit of appropriation is displayed in Exhibit 8, "Composite of the Board of Education 1979-1980 Budget."

Board of Education Related Items Appropriated in Other City Agencies

In prior years pensions and debt service have been appropriated in the Board of Education's budget. Fiscal year 1980 marked a change in City policy: Board of Education generated debt service and tax levy pensions have now been appropriated in other City agencies -- Department Code 099, Debt Service and Department Code 095, Pension Contributions, Citywide respectively.

*Modifications requiring approval include lump sum schedulization, revenue changes and unit of appropriation increases over the 5% limit.

EXHIBIT 8

COMPOSITE OF THE BOARD OF EDUCATION 1979-1980 BUDGET

UNIT OF APPROPRIATION	AMOUNT	TOTAL
AGENCY 040 BOARD OF EDUCATION		
201 Community School District Administration and Instruction - PS	$ 759,461,008	
202 Community School District Administration and Instruction - OTPS	25,972,182	
203 Division of High Schools - PS	336,970,034	
204 Division of High Schools - OTPS	12,512,663	
205 Division of Special Education - PS	181,969,643	
206 Division of Special Education - OTPS	24,802,045	
207 Ancillary Pupil Support Services - PS	70,870,342	
208 Ancillary Pupil Support Services - OTPS	249,081,100	
209 Division of School Buildings - PS	118,438,798	
210 Division of School Buildings - OTPS	58,947,349	
211 Central Administrative Activities - PS	46,142,201	
212 Central Administrative Activities - OTPS	22,133,200	
213 Reimbursable Programs - PS	257,313,821	
214 Reimbursable Programs - OTPS	58,698,872	
215 Fringe Benefits	203,851,119	
217 Heat, Light and Power	31,300,300	
770 CETA Appropriations	27,334,754	
Total Agency 040		$2,485,799,431
AGENCY 095 PENSION CONTRIBUTIONS, CITYWIDE (BOARD RELATED ITEMS)		
Object 077 TRS - Reserve Fund No. 2	$ 2,130,207	
Object 078 TRS - Supplemental Pension Fund	14,500,000	
Object 079 TRS - Contingent Reserve Fund	388,440,228	
Object 084 Board of Education Retirement System	19,734,206	
Total Agency 095 (Board Related Items)		$ 424,804,641
AGENCY 099 DEBT SERVICE (BOARD RELATED ITEMS)		
Object 811 Interest on Bonds	$ 53,438,004	
Object 848 Redemption of Bonds	147,500,889	
Total Agency 099 (Board Related Items)		$ 200,938,893
TOTAL 1979-1980 BUDGET USED FOR BOARD OF EDUCATION FUNCTIONAL ANALYSIS		$3,111,542,965

The analysis presented in this report includes both pensions and debt service as part of the 1979-1980 Board of Education budget. Since the purpose of this report is to present the cost of education in New York City, to do so a complete picture of all costs related to the education of pupils is a prerequisite.

The pension and debt service amounts included in the Board's budget are listed in Exhibit 8.

* * *

The May 19, 1980 budget condition plus the inclusion of pension and debt service costs yield a total budget of $3,111,542,965 (see Exhibit 8).

APPENDIX B

EXPLANATION OF FUNCTIONAL AREAS AND COST COMPONENTS

In this report we have organized the Board of Education's budget into eight major functional areas:

- Direct Instructional Programs
- Indirect Instructional Programs
- Ancillary Pupil Support Programs
- School Buildings
- City and Districtwide Administration
- Miscellaneous Expenses
- Debt Service
- Non-Public and Adult Education

Each of the areas listed above is associated with a major educational, administrative, operational, or financial function. Within each of these areas, there are a number of discrete, though interrelated, cost components. The four pages of Exhibit 9, "Explanation of Functional Areas and Cost Components," define these functional areas and cost components.

The distribution of the total education dollars for 1979-1980 by functional areas and cost components along with source of funding is displayed in the four part Exhibit 10, "Board of Education Budget: 1979-1980, Functional Area, Funding Source, and Organizational Level."

EXHIBIT 9

EXPLANATION OF FUNCTIONAL AREAS AND COST COMPONENTS

FUNCTIONAL AREAS AND COST COMPONENTS	EXPLANATION
I. DIRECT INSTRUCTIONAL PROGRAMS	
A. Classroom Instruction Elementary Junior High High Schools Special Education	At all levels, direct instructional services provided primarily by classroom teachers, paraprofessionals, and aides.
B. School Supervision and Support Elementary Junior High High Schools Special Education	At all levels, school-based personnel: school principals, assistant principals and school secretaries; also other than personal services including postage and telephone communications. (Most assistant principals in addition to their supervisory duties provide classroom instruction.)
C. Field Supervision Elementary Junior High High Schools Special Education	District, high school and special education pedagogical personnel who provide grade level and subject area supervisory services primarily to classroom teachers. These personnel provide services to more than one school.
II. INDIRECT INSTRUCTIONAL PROGRAMS	
A. Pupil Personnel Services	
Attendance Field Service Administration/Supervision	All attendance teachers; administrative and field supervisory personnel assigned to the Bureau of Attendance.
Guidance and Counseling Elementary Junior High High Schools Special Education	All guidance counselors.
Social and Psychological	Services provided by social workers, psychologists, and other personnel assigned to the Bureau of Child Guidance.
Drug Abuse Program	Counseling services provided by personnel assigned to the systemwide drug abuse program.
Pupil Personnel Services - Administration	Costs associated with the administration of pupil personnel services.
B. Planning, Testing, Research and Development Services	
Educational Performance and Accountability	Research and administrative staff assigned to the Office of Educational Performance and Accountability, responsible for implementation of longitudinal study aimed at identifying factors involved in educational achievement as a basis for organizing effective approaches to corrective action in the schools.
Educational Evaluation	Research and administrative staff assigned to the Office of Educational Evaluation, responsible for monitoring pupil achievement in basic subject areas on a systemwide basis.
Educational Planning and Support	Personnel assigned to the Division of Curriculum Development and Instruction responsible for providing curriculum planning and staff development services on a systemwide basis. Also includes scheduling for high school students.
Guidance Planning	Guidance planning services provided by personnel assigned to the Office of Vocational Education.

EXHIBIT 9

EXPLANATION OF FUNCTIONAL AREAS AND COST COMPONENTS

FUNCTIONAL AREAS AND COST COMPONENTS	EXPLANATION
III. ANCILLARY PUPIL SUPPORT PROGRAMS	
A. School Safety and Security	School security guards, guard supervisors, and personnel assigned to the Office of School Safety.
Elementary Junior High High School Special Education Administration/Supervision	
B. Pupil Transportation	Other than personal service costs for transporting pupils to and from school. Personnel assigned to the Bureau of Pupil Transportation; responsible for routing, scheduling, issuance of common carrier tickets, and monitoring eligibility for contract bus and common carrier.
Elementary Junior High High School Special Education Administration/Supervision	
C. School Lunch	Personnel assigned to the Office of School Food Services, field supervisors, and school lunch workers; major part of OTPS represents the cost of food. Also summer feeding and nutritional information programs.
Field Service Administration/Supervision Summer Feeding and Nutrition Program	
D. Breakfast Program	School breakfast workers in program administered and operated by the districts; major part of OTPS represents the cost of food.
Elementary Junior High High Schools Special Education	
IV. SCHOOL BUILDINGS	
A. Central and Field Administration and Supervision	Administrative staff members responsible for management of Division of School Buildings. Also includes postage and telephone costs for the division and systemwide motor vehicle services.
B. Planning, Design, Renovation and Construction	Architects and engineers responsible for facilities planning, building design, renovation and construction (including the Bureau of Design, Bureau of Construction and the Bureau of Modernization.)
C. Operation and Maintenance	
Custodial Service	Custodians and custodial helpers for the operation of school buildings during and after the school day (also contract schools). Districts and borough custodial supervision.
Field Service Field Supervision	
Maintenance and Repair	Maintenance and repair personnel, field supervisors, and administrative staff assigned to the Bureau of Maintenance.
Field Service Field Supervision Administration/Supervision	
Leasing and Rentals	The cost of leases and rentals for buildings used primarily for instructional purposes.
Elementary Junior High High Schools Special Education Other	

EXHIBIT 9

EXPLANATION OF FUNCTIONAL AREAS AND COST COMPONENTS

FUNCTIONAL AREAS AND COST COMPONENTS	EXPLANATION
Heat, Light and Power	The cost of coal and oil for steam boilers in school buildings. The cost of electricity and steam provided through the New York City Municipal Services Administration. Also, the cost of water.
Coal and Oil Electricity and Steam Heat	
V. CITY AND DISTRICTWIDE ADMINISTRATION	
A. Overall Administration	
Board of Education	Members of the Board and their staff, Secretary to the Board and its staff, and personnel assigned to the Office of Legislative Affairs.
General Administration	Personnel assigned to the Office of the Chancellor and to the Office of the Deputy Chancellor (including CETA Administration, Metropolitan Educational Laboratory, Office of Budget Operations and Review, Office of Labor Relations, Office of Auditor General, Office of Equal Opportunity, Office of Legal Services and Office of Public Affairs).
Personnel	Staff assigned to the Division of Personnel (including Office of Appeals and Review, Office of College and Community Liaison, Office of Field Services, Office of Administrative Personnel, Office of Pedagogical Personnel, Bureau of Teacher Status and Records, Office of Staff Services, Bureau of Health and Welfare Services, Medical Bureau, Office of Salary Differential and Status).
Board of Examiners	Members of the Board of Examiners and their staff.
Community School District Affairs	Personnel assigned to the Division of Community School District Affairs (including the Central Zoning Unit, Office of Intergroup Education and Human Relations.)
Business and Administration	Personnel assigned to the Division of Business and Administration (including the Office of Financial Operations, Bureau of Cash Management, Bureau of Pedagogical Payroll, Bureau of Non-Pedagogical Payroll, Bureau of Accounts Payable, Bureau of Accounting, Bureau of Retirement Claims, Bureau of Engineering Audit, Office of Management Analysis, Office of Supportive Services, Bureau of Administrative Services and Bureau of Supplies).
Reimbursable Offices	Personnel assigned to the Office of funded Programs, Bureau of Special State and Federal Programs and Monitoring Task Force Bureau. Cost for coordination of ESEA Title I, program development and evaluation follow-up. Also included are non-instructional CETA positions located in central, district, high school and special education offices.
B. Instructional Administration/Supervision	
District Office	Community school district superintendents, district office, administrative and business personnel; staff serving community school board members; also includes districtwide indirect administrative cost for federally funded programs.
High School Office	Systemwide administrative staff assigned to the Division of High Schools (includes Office of High School Superintendents, Office of High School Pupil Services, Office of High School Organization and Budget Planning, Office of Cooperative Education and Office of Continuing Education); also includes indirect administrative costs for federally funded programs.

EXHIBIT 9

EXPLANATION OF FUNCTIONAL AREAS AND COST COMPONENTS

FUNCTIONAL AREAS AND COST COMPONENTS	EXPLANATION
Special Education Office	Systemwide administrative personnel assigned to the Division of Special Education (includes Bureau for Education of Physically Handicapped, Bureau for Children with Retarded Mental Development, Bureau for Socially Maladjusted and Emotionally Disturbed, Bureau for Visually Handicapped, Bureau for Hearing Handicapped, Bureau for Speech Improvement, Classes for Neurologically Impaired-Emotionally Handicapped, and Integrated Programs); also includes indirect administrative costs for federally funded programs.
VI. MISCELLANEOUS EXPENSES	
A. Sabbatical Leave and Termination Costs	The cost of district, high school, special education and central personnel who are on sabbatical leave, termination leave or who are receiving termination pay.
B. Unemployment and Compensation	The cost for unemployment insurance, workmen's compensation and disability insurance.
C. Collective Bargaining Reserves	Funding to provide payment of contractual obligations not yet scheduled.
D. Back Pay for Prior Years	Funds for retroactive payments for prior fiscal years.
E. Miscellaneous Costs	Judgments and Claims, Paraprofessional Training Program and mandatory and essential departmentwide costs for salary and cost adjustments.
VII. DEBT SERVICE	Cost of the redemption and amortization of bonds floated by the City.
VIII. NON-PUBLIC AND ADULT EDUCATION	
A. Non-Public Instructional Services	Speech services provided to non-public school students and textbooks provided through the New York State Textbook Law; federal ESEA Title I programs.
B. Non-Public Non-Instructional Services	Attendance, transportation and school lunch services provided to non-public school pupils and indirect administrative costs for federally funded programs.
C. Fashion Institute of Technology	Cost to the City for the Operation of the Fashion Institute of Technology.
D. Payments to Other School Districts	Payments to private "contract" schools; payments for special schooling and tuition payments for out-of-city foster care.
E. Adult Education	Providing educational programs to adults for high school equivalency, basic education including English as a second language, and occupational and vocational education.

EXHIBIT 10

BOARD OF EDUCATION BUDGET: 1979-1980*
FUNCTIONAL AREA, FUNDING SOURCE, AND ORGANIZATIONAL LEVEL

(Page 1 of 4)

FUNCTIONAL AREA	TAX LEVY FUNDS: NET PS AND OTPS	TAX LEVY FUNDS: PENSION & FRINGES	TAX LEVY FUNDS: SUB-TOTAL	REIMBURSABLE FUNDS	TOTAL BUDGET: AMOUNT	TOTAL BUDGET: PERCENT
I. DIRECT INSTRUCTIONAL PROGRAMS	$1,227,081,000	$529,805,000	$1,756,886,000	$199,322,000	$1,956,208,000	62.9%
A. Classroom Instruction	$1,078,466,000	$464,290,000	$1,542,756,000	$197,141,000	$1,739,897,000	55.9%
Elementary	419,293,000	181,328,000	600,621,000	86,563,000	687,184,000	22.1
Junior High	239,965,000	106,228,000	346,193,000	39,073,000	385,266,000	12.4
High School	273,161,000	113,410,000	386,571,000	37,807,000	424,378,000	13.6
Special Education	146,047,000	63,324,000	209,371,000	33,698,000	243,069,000	7.8
B. School Supervision and Support	$ 143,375,000	$ 63,179,000	$ 206,554,000	$ 1,522,000	$ 208,076,000	6.7%
Elementary	57,410,000	25,312,000	82,722,000	608,000	83,330,000	2.7
Junior High	32,782,000	14,520,000	47,302,000	274,000	47,576,000	1.5
High School	50,106,000	21,924,000	72,030,000	386,000	72,416,000	2.3
Special Education	3,077,000	1,423,000	4,500,000	254,000	4,754,000	0.2
C. Field Supervision	$ 5,240,000	$ 2,336,000	$ 7,576,000	$ 659,000	$ 8,235,000	0.3%
Elementary	1,157,000	489,000	1,646,000	266,000	1,912,000	0.1
Junior High	497,000	196,000	693,000	120,000	813,000	**
High School	0	0	0	0	0	0.0
Special Education	3,586,000	1,651,000	5,237,000	273,000	5,510,000	0.2
II. INDIRECT INSTRUCTIONAL PROGRAMS	$ 66,797,000	$ 26,569,000	$ 93,366,000	$ 34,125,000	$ 127,491,000	4.1%
A. Pupil Personnel Services	$ 59,974,000	$ 24,987,000	$ 84,961,000	$ 21,118,000	$ 106,079,000	3.4%
Attendance	5,372,000	2,403,000	7,775,000	0	7,775,000	0.3
Field Service	(3,951,000)	(1,878,000)	(5,829,000)	(0)	(5,829,000)	(0.2)
Administration/Supervision	(1,421,000)	(525,000)	(1,946,000)	(0)	(1,946,000)	(0.1)
Guidance and Counseling	23,133,000	10,640,000	33,773,000	6,390,000	40,163,000	1.3
Elementary	(6,720,000)	(3,184,000)	(9,904,000)	(1,681,000)	(11,585,000)	(0.4)
Junior High	(5,536,000)	(2,523,000)	(8,159,000)	(759,000)	(8,918,000)	(0.3)
High School	(8,984,000)	(3,978,000)	(12,962,000)	(2,873,000)	(15,835,000)	(0.5)
Special Education	(1,893,000)	(855,000)	(2,748,000)	(1,077,000)	(3,825,000)	(0.1)
Social and Psychological	31,066,000	11,791,000	42,857,000	2,191,000	45,048,000	1.4
Pupil Personnel Services - Administration	403,000	153,000	556,000	0	556,000	**
Drug Program	0	0	0	12,537,000	12,537,000	0.4
B. Planning, Testing, Research and Development Services	$ 6,823,000	$ 1,582,000	$ 8,405,000	$ 13,007,000	$ 21,412,000	0.7%
Educational Performance and Accountability	52,000	20,000	72,000	0	72,000	**
Educational Evaluation	999,000	113,000	1,112,000	5,687,000	6,799,000	0.2
Educational Planning and Support	5,418,000	1,335,000	6,753,000	7,320,000	14,073,000	0.5
Guidance Planning	354,000	114,000	468,000	0	468,000	**

EXHIBIT 10

BOARD OF EDUCATION BUDGET: 1979-1980*
FUNCTIONAL AREA, FUNDING SOURCE, AND ORGANIZATIONAL LEVEL

(Page 2 of 4)

FUNCTIONAL AREA	TAX LEVY FUNDS			REIMBURSABLE FUNDS	TOTAL BUDGET	
	WET PS AND OTPS	PENSION & FRINGES	SUB-TOTAL		AMOUNT	PERCENT
III. ANCILLARY PUPIL SUPPORT PROGRAMS	$ 280,473,000	$ 14,463,000	$ 294,936,000	$ 25,746,000	$ 320,682,000	10.3%
A. School Safety and Security	$ 9,175,000	$ 1,924,000	$ 11,099,000	$ 7,644,000	$ 18,743,000	0.6%
Elementary	2,289,000	457,000	2,746,000	3,389,000	6,135,000	0.2
Junior High	1,122,000	225,000	1,347,000	1,530,000	2,877,000	0.1
High School	4,660,000	898,000	5,558,000	2,313,000	7,871,000	0.3
Special Education	219,000	43,000	262,000	412,000	674,000	**
Administration/Supervision	885,000	301,000	1,186,000	0	1,186,000	**
B. Pupil Transportation	$ 160,398,000	$ 294,000	$ 160,692,000	$ 2,078,000	$ 162,770,000	5.2%
Elementary	23,074,000	0	23,074,000	0	23,074,000	0.7
Junior High	10,415,000	0	10,415,000	0	10,415,000	0.3
High School	28,779,000	0	28,779,000	271,000	29,050,000	0.9
Special Education	96,777,000	0	96,777,000	1,807,000	98,584,000	3.2
Administration/Supervision	1,353,000	294,000	1,647,000	0	1,647,000	0.1
C. School Lunch	$ 110,900,000	$ 12,245,000	$ 123,145,000	$ 9,428,000	$ 132,573,000	4.3%
Field Service	108,251,000	11,434,000	119,685,000	4,128,000	123,813,000	4.0
Administration/Supervision	2,649,000	811,000	3,460,000	659,000	4,119,000	0.1
Summer Feed & Nutrition Program	0	0	0	4,641,000	4,641,000	0.2
D. Breakfast Program	$ 0	$ 0	$ 0	$ 6,596,000	$ 6,596,000	0.2
Elementary	0	0	0	4,142,000	4,142,000	0.1
Junior High	0	0	0	1,883,000	1,883,000	0.1
High School	0	0	0	312,000	312,000	**
Special Education	0	0	0	259,000	259,000	**

Notes

Bracketed ( ) figures sum to columnar amount directly above.

*The 1979-1980 Budget -includes all approved and pending modifications as of May 19, 1980 close of business.
-includes pensions ($424,805,000) and debt service ($200,939,000) appropriated in other City agencies.
-Dollar figures are rounded to the nearest $1,000.
-Instances where funds are not budgeted by specific level, dollars are prorated by level.

**Less than 0.5%

EXHIBIT 10

BOARD OF EDUCATION BUDGET: 1979-1980*
FUNCTIONAL AREA, FUNDING SOURCE, AND ORGANIZATIONAL LEVEL

(Page 3 of 4)

FUNCTIONAL AREA	TAX LEVY FUNDS: WET PS AND OTPS	TAX LEVY FUNDS: PENSION & FRINGES	TAX LEVY FUNDS: SUB-TOTAL	REIMBURSABLE FUNDS	TOTAL BUDGET: AMOUNT	TOTAL BUDGET: PERCENT
IV. SCHOOL BUILDINGS	$ 218,738,000	$ 26,223,000	$ 244,961,000	$ 2,872,000	$ 247,833,000	7.9%
A. Central and Field Administration and Supervision	$ 6,207,000	$ 871,000	$ 7,078,000	$ 0	$ 7,078,000	0.2%
B. Planning, Design, Renovation and Construction	$ 5,804,000	$ 1,670,000	$ 7,474,000	$ 130,000	$ 7,604,000	0.2%
Field Supervision	1,349,000	374,000	1,723,000	30,000	1,753,000	0.1
Administration/Supervision	4,455,000	1,296,000	5,751,000	100,000	5,851,000	0.1
C. Operation and Maintenance	$ 206,727,000	$ 23,682,000	$ 230,409,000	$ 2,742,000	$ 233,151,000	7.5%
Custodial Service	103,828,000	19,059,000	122,887,000	2,517,000	125,404,000	4.0
Field Service	(102,858,000)	(18,788,000)	(121,646,000)	(2,517,000)	(124,163,000)	(4.0)
Field Supervision	(970,000)	(271,000)	(1,241,000)	(0)	(1,241,000)	(**)
Maintenance and Repair	31,679,000	4,623,000	36,302,000	208,000	36,510,000	1.2
Field Service	(27,556,000)	(3,427,000)	(30,983,000)	(208,000)	(31,191,000)	(1.0)
Field Supervision	(2,369,000)	(684,000)	(3,053,000)	(0)	(3,053,000)	(0.1)
Administration/Supervision	(1,754,000)	(512,000)	(2,266,000)	(0)	(2,266,000)	(0.1)
Leasing and Rentals	12,677,000	0	12,677,000	12,000	12,689,000	0.4
Elementary	(6,544,000)	(0)	(6,544,000)	(9,000)	(6,553,000)	(0.2)
Junior High	(2,954,000)	(0)	(2,954,000)	(3,000)	(2,957,000)	(0.1)
High School	(1,306,000)	(0)	(1,306,000)	(0)	(1,306,000)	(0.1)
Special Education	(744,000)	(0)	(744,000)	(0)	(744,000)	(**)
Other	(1,129,000)	(0)	(1,129,000)	(0)	(1,129,000)	(**)
Heat, Light and Power	52,543,000	0	58,543,000	5,000	58,548,000	1.9
Coal and Oil	(27,243,000)	(0)	(27,243,000)	(5,000)	(27,248,000)	(0.9)
Electricity, and Steam Heat	(31,300,000)	(0)	(31,300,000)	(0)	(31,300,000)	(1.0)
V. CITY AND DISTRICTWIDE ADMINISTRATION	$ 56,763,000	$ 16,418,000	$ 73,181,000	$ 35,152,000	$ 108,333,000	3.5%
A. Overall Administration	$ 30,101,000	$ 8,018,000	$ 38,119,000	$ 27,135,000	$ 65,254,000	2.1%
Board of Education	1,567,000	301,000	1,868,000	100,000	1,968,000	0.1
General Administration	8,098,000	2,307,000	10,405,000	3,654,000	14,059,000	0.5
Personnel	5,191,000	1,307,000	6,498,000	1,501,000	7,999,000	0.3
Board of Examiners	1,941,000	740,000	2,681,000	657,000	3,338,000	0.1
Community School Distrit Affairs	548,000	194,000	742,000	39,000	781,000	**
Business Administration	12,756,000	3,169,000	15,925,000	8,126,000	24,051,000	0.7
Reimbursable Offices	0	0	0	13,058,000	13,058,000	0.4
B. Instructional Admin/Supervision	$ 26,662,000	$ 8,400,000	$ 35,062,000	$ 8,017,000	$ 43,079,000	1.4%
District Office	15,319,000	5,160,000	20,479,000	5,958,000	26,437,000	0.9
High School Office	3,725,000	1,236,000	4,961,000	1,150,000	6,111,000	0.2
Special Education	7,618,000	2,004,000	9,622,000	909,000	10,531,000	0.3

EXHIBIT 10

BOARD OF EDUCATION BUDGET: 1979-1980*
FUNCTIONAL AREA, FUNDING SOURCE, AND ORGANIZATIONAL LEVEL

(Page 4 of 4)

FUNCTIONAL AREA	TAX LEVY FUNDS: NET PS AND OTPS	TAX LEVY FUNDS: PENSION & FRINGES	TAX LEVY FUNDS: SUB-TOTAL	REIMBURSABLE FUNDS	TOTAL BUDGET: AMOUNT	TOTAL BUDGET: PERCENT
VI. MISCELLANEOUS EXPENSES	$ 32,901,000	$ 7,934,000	$ 40,835,000	$ 0	$ 40,835,000	1.3%
A. Sabbatical, Terminal Leave and Other Paid Leaves	18,867,000	7,934,000	26,801,000	0	26,801,000	0.9
B. Unemployment and Compensation	5,937,000	0	5,937,000	0	5,937,000	0.2
C. Collective Bargaining Reserves	2,793,000	0	2,793,000	0	2,793,000	0.1
D. Back Pay for Prior Years	733,000	0	733,000	0	733,000	**
E. Miscellaneous Costs	4,571,000	0	4,571,000	0	4,571,000	0.1
VII. DEBT SERVICE	$ 200,939,000	$ 0	$ 200,939,000	$ 0	$ 200,939,000	6.5%
SUB-TOTAL: BUDGET FOR PUBLIC SCHOOL PUPILS	$2,083,692,000	$621,412,000	$2,705,104,000	$297,217,000	$3,002,321,000	96.5%
VIII. NON-PUBLIC AND ADULT EDUCATION	$ 62,842,000	$ 250,000	$ 63,092,000	$ 46,130,000	$ 109,222,000	3.5%
A. Non-Public Instructional Services	4,721,000	0	4,721,000	14,914,000	19,635,000	0.6
B. Non-Public Non-Instructional Services	30,708,000	250,000	30,958,000	922,000	31,880,000	1.0
C. Fashion Institute of Technology	6,173,000	0	6,173,000	0	6,173,000	0.2
D. Payments to Other School Districts	21,240,000	0	21,240,000	0	21,240,000	0.7
E. Adult Education	0	0	0	30,294,000	30,294,000	1.0
TOTAL BUDGET	$2,146,534,000	$621,662,000	$2,768,196,000	$343,347,000	$3,111,543,000	100.0%

Notes
Bracketed ( ) figures sum to columnar amount directly above.
*The 1979-1980 Budget -includes all approved and pending modifications as of May 19, 1980 close of business.
-includes pensions ($424,805,000) and debt service ($200,939,000) appropriated in other City agencies.
-Dollar figures are rounded to the nearest $1,000.
-Instances where funds are not budgeted by specific level, dollars are prorated by level.
**Less than 0.5%

APPENDIX C

COMPARISON OF FISCAL YEARS 1979 AND 1980 FUNCTIONAL ANALYSES

The functional analysis of the 1979-1980 budget presented in this report and the 1978-1979 analysis* follow the same basic definitions. This compatability allows for comparison between the two functional analyses. There are, however, several caveats:

- Registers have declined while costs have risen.
- Per capitas show how many dollars per pupil ar expended, likewise a comparison of per capitas show whether more or less dollars per pupil are being spent. They do not differentiate between the cost, quantity or quality of the goods and service provided.
- A change in workload will affect costs. The workload of teachers, the largest labor force employed by the Board, did not change. However, in fiscal year 1980 hourly employees -- school lunch, school aide and UFT paraprofessional -- are to receive summer pay. This will generate approximately $11.5 million of additional costs.
- Guidance services provided to special education pupils were, in fiscal year 1979, part of Direct Instructional Programs, Classroom Instruction. In fiscal year 1980 these services are located with the other instructional levels in Indirect Instructional Programs, Guidance and Counseling. The special education guidance services amount to $1.8 million or $35 per special education pupil (less than $2 per pupil averaged over all levels).

*See "A Functional Analysis of the 1978-1979 New York City Board of Education Budget," May 1978.

- The 1980 budget does not differentiate between the instructional levels for school lunch services and for custodial services. Consequently, the cost component for school lunch and custodial service is "field service" and dollars are prorated between the instructional levels by register.

- The 1980 funding category "tax levy" is identical to the 1979 term "general fund." The change is in keeping with City usage.

- The distribution of reimbursable funds over the functional areas has been greatly refined. In fiscal year 1979, 1,000 pages of computer printout were analyzed manually. In fiscal year 1980 with improved computer assistance, the output was reduced to 100 pages. This afforded much better scrutiny of the reimbursable budget items.

A comparison of the Board of Education's tax levy budgets for fiscal years 1979 and 1980 by budget amount and per capita are displayed in Exhibits 11 and 12 respectively. Tax levy funds provide for the most part basic instructional needs and is predominately funded by the City of New York.

The per capita changes of Exhibit 12 should be reviewed with caution. The fiscal year 1979 and 1980 per capitas are rounded to the nearest whole dollar. This means that each per capita can actually be 49¢ larger or 49¢ lower. Each per capita, therefore, has a range of $\pm$49¢. The difference between two per capitas is defined within a $\pm$98¢ range ($\pm$49¢ + $\pm$49¢). For example, a per capita change of $3 falls within a range of $2.02 to $3.98 (or $3 $\pm$ $0.98).

The $\pm$98¢ range impacts on the percent of per capita change. The magnitude of this impact will depend upon the size of the fiscal year 1979 per capita. The lowest 1979 per capita shown in Exhibit 12 is $4 per pupil.

EXHIBIT 11

BOARD OF EDUCATION TAX LEVY BUDGET
COMPARISON OF FISCAL YEARS 1979-1980*

	FUNCTIONAL AREA	FISCAL YEAR 1979	FISCAL YEAR 1980	CHANGE AMOUNT	CHANGE PERCENT
I.	DIRECT INSTRUCTIONAL PROGRAMS	$1,572,035,000	$1,756,886,000	$184,851,000	11.8%
	Classroom Instruction	1,373,858,000	1,542,756,000	168,898,000	12.3
	School Supervision and Support	191,588,000	206,554,000	14,966,000	7.8
	Field Supervision	6,589,000	7,576,000	987,000	15.0
II.	INDIRECT INSTRUCTIONAL PROGRAMS	$ 79,378,000	$ 93,366,000	$ 13,988,000	17.6%
	Pupil Personnel Services	68,278,000	84,961,000	16,683,000	24.4
	Planning, Testing, Research and Development Services	11,100,000	8,405,000	- 2,695,000	- 24.3
III.	ANCILLARY PUPIL SUPPORT PROGRAMS	$ 248,727,000	$ 294,936,000	$ 46,209,000	18.6%
	School Safety and Security	9,108,000	11,099,000	1,991,000	21.9
	Pupil Transportation	123,644,000	160,692,000	37,048,000	30.0
	School Lunch	115,975,000	123,145,000	7,170,000	6.2
	Breakfast Program	0	0	0	0.0
IV.	SCHOOL BUILDINGS	$ 232,942,000	$ 244,961,000	$ 12,019,000	5.2%
	Central and Field Administration and Supervision	4,265,000	7,078,000	2,813,000	66.0
	Planning, Design, Renovation and Construction	8,674,000	7,474,000	- 1,200,000	- 13.8
	Operation and Maintenance	220,003,000	230,409,000	10,406,000	4.7
	* Custodial Service	124,044,000	122,887,000	- 1,157,000	- 0.9
	* Maintenance and Repair	35,913,000	36,302,000	389,000	1.1
	* Leasing and Rentals	13,845,000	12,677,000	- 1,168,000	- 8.4
	* Heat, Light and Power	46,201,000	58,543,000	12,342,000	26.7
V.	CITY AND DISTRICTWIDE ADMINISTRATION	$ 65,779,000	$ 73,181,000	$ 7,402,000	11.3%
	Overall Administration	37,705,000	38,119,000	414,000	1.1
	Instructional Admin/Supervision	28,074,000	35,062,000	6,988,000	24.9
VI.	MISCELLANEOUS EXPENSES	$ 61,043,000	$ 40,835,000	$-20,208,000	- 33.1%
VII.	DEBT SERVICE	$ 269,443,000	$ 200,939,000	$-68,504,000	- 25.4%
	SUB-TOTAL: BUDGET FOR PUBLIC SCHOOL PUPILS	$2,529,347,000	$2,705,104,000	$175,757,000	6.9
VIII.	NON-PUBLIC AND ADULT EDUCATION	$ 69,869,000	$ 63,092,000	$- 6,777,000	- 9.7%
	TOTAL BUDGET	$2,599,216,000	$2,768,196,000	$168,980,000	6.5%

*Notes on budget amounts:
- Dollar amounts are rounded to the nearest $1,000.
- Budget amounts include approved and pending modifications through March 23, 1979 for FY 1979 and May 19,1980 for FY 1980.
- Pension and fringe benefit costs appear in related functional areas. FY 1980 pension amounts, appropriated in other City agencies, have been included.
- FY 1980 debt service costs, appropriated in other City agencies, have been included.

EXHIBIT 12

BOARD OF EDUCATION TAX LEVY PER CAPITAS
COMPARISON OF FISCAL YEARS 1979-1980*

FUNCTIONAL AREA	FISCAL YEAR 1979	FISCAL YEAR 1980	CHANGE AMOUNT	CHANGE PERCENT
I. DIRECT INSTRUCTIONAL PROGRAMS	$1,576	$1,830	$254	16.1%
Classroom Instruction	1,377	1,607	230	16.7
School Supervision and Support	192	215	23	12.0
Field Supervision	7	8	1	14.3
II. INDIRECT INSTRUCTIONAL PROGRAMS	$ 80	$ 98	$ 18	22.5%
Pupil Personnel Services	69	89	20	29.0
Planning, Testing, Research and Development Services	11	9	- 2	-18.2
III. ANCILLARY PUPIL SUPPORT PROGRAMS	$ 249	$ 307	$ 58	23.3%
School Safety and Security	9	12	3	33.3
Pupil Transportation	124	167	43	34.7
School Lunch	116	128	12	10.3
Breakfast Program	0	0	0	0.0
IV. SCHOOL BUILDINGS	$ 233	$ 255	$ 22	9.4%
Central and Field Administration and Supervision	4	7	3	75.0
Planning, Design, Renovation and Construction	9	8	- 1	-11.1
Operation and Maintenance	220	240	20	9.1
* Custodial Service	124	128	4	3.2
* Maintenance and Repair	36	38	2	5.6
* Leasing and Rentals	14	13	- 1	- 7.1
* Heat, Light and Power	46	61	15	32.6
V. CITY AND DISTRICTWIDE ADMINISTRATION	$ 66	$ 76	$ 10	15.2%
Overall Administration	38	40	2	5.3
Instructional Admin/Supervision	28	36	8	28.6
VI. MISCELLANEOUS EXPENSES	$ 61	$ 42	$-19	-31.1%
VII. DEBT SERVICE	$ 270	$ 209	-61	-22.6%
SUB-TOTAL: BUDGET FOR PUBLIC SCHOOL PUPILS	$2,535	$2,817	$282	11.1
VIII. NON-PUBLIC AND ADULT EDUCATION	$ 70	$ 66	$- 4	- 5.7%
TOTAL BUDGET	$2,605	$2,883	$278	10.7%
REGISTER AS OF 10/31	997,871	960,327	-37,544	- 3.8%

*Per capitas are rounded to the nearest whole dollar. The amount of change between per capitas is accurated up to ± $0.98. This affect on the percent of change depends upon the magnitude of the FY 1979 per capita. The percent change of the smallest per capita ($4) varies by ± 25%. The percent change of the largest per capita ($2,605) varies by less than ± 0.05%.

The ±98¢ range yields a fairly large percent range of ±24.5%. In this case the percent change from the exhibit, 75%, is between 50.5% and 99.5%.

The largest fiscal year 1979 per capita, $2,605 per pupil, undergoes a 10.7% change. The range in this case is ±0.04%. Since the percent change is calculated to one decimal place and the range affects the second decimal place, the 10.7% stands.